

Individual Proposal Report

Title Assessment of organic matter in the habitat and its relationship to the food chain

Number J3

Geographic Area Landscape/Other

Primary Stressor Addressed Water Quality

Project Type Research

Applicant Type Federal

Recommended Funding \$517,000

Cost Share Applicant - \$244,000

Description Research proposal for a comprehensive assessment of the production, import, utilization, and export of the organic matter that serves as food for small aquatic organisms that are the food resource for fish in their early life stages. Lower tropic level ecosystem functions potentially limit fish population growth in the Delta. Benefits to multiple fish species. Recommend first year funding. Total funding request from applicant for 3- year project is \$1,400,000.

ERPP Linkage

Zone: Sacramento-San Joaquin Delta

Ecosystem Elements and Targets (T):

Bay-Delta Aquatic Foodweb

T-1 Increase primary and secondary nutrient productivity in Delta to historically observed levels in 1960s and early 1970s (Volume II, Page 42)